

**Amendments to the Claims:**

1. (Currently Amended) A medical measuring device system comprising:

a data device including a display screen for displaying at least one of medical measurement values and graphs;

5           at least one mobile measuring apparatus[[,]] which [[has]] communicates wirelessly with the data device via a wireless communication signal, the mobile measuring apparatus including at least one sensor for generating a measuring signal indicative of physiological data of a patient, the sensor communicating the measuring signal to the mobile measuring apparatus and the  
10 mobile measuring apparatus communicating the physiological data and a measuring data detection device which is designed to exchange measuring signals to the data device with the at least one measuring apparatus via the wireless communication signal,

          wherein the at least one mobile measuring apparatus signals a is  
15 designed to signal the quality of the measuring signals generated by the at least one sensor.

2. (Currently Amended) The medical measuring ~~device~~ system as claimed in claim 1, wherein the at least one mobile measuring apparatus ~~is designed to signal~~ signals the quality of the measuring signals acoustically ~~to a wearer of the mobile measuring apparatus.~~

3. (Currently Amended) The medical measuring ~~device~~ system as claimed in claim 1, wherein the at least one mobile measuring apparatus ~~is designed to signal the quality of the measuring signals optically~~ further includes:

5           an optical indicator which provides an optical indication to a wearer indicative of the quality of the measuring signal generated by the sensor.

4. (Currently Amended) The medical measuring ~~device~~ system as claimed in claim 3, wherein the at least one mobile measuring apparatus ~~[[has]]~~ includes:

5 a light ~~[[means]]~~ with ~~different~~ a plurality of colors, each color being associated with a predetermined range of ~~[[a]]~~ the sensor measuring signal quality ~~and activated to indicate~~ when the quality of the sensor measuring signals is in ~~[[the]]~~ each correspondingly predetermined range.

5 5. (Currently Amended) The medical measuring ~~device~~ system as claimed in claim 4, wherein the light has three different colors, a first of the colors being indicative of a ~~are provided for a range of poor quality of the measuring signals generated by the sensor,~~ a ~~[[range]]~~ second of the colors being indicative of a medium quality of the measuring signals and a ~~[[range]]~~ third of the colors being indicative of a high quality of the measuring signals.

6. (Currently Amended) The medical measuring ~~device~~ system as claimed in claim 1, wherein the at least one mobile measuring apparatus ~~is designed to signal~~ signals the quality of the measuring signals automatically.

5 7. (Currently Amended) The medical measuring ~~device~~ system as claimed in claim 6, wherein the at least one mobile measuring apparatus ~~is designed to signal~~ signals the quality of the measuring signals when ~~[[it]]~~ the sensor is placed on ~~a patient at another measuring site~~ of a patient wearing the mobile measuring apparatus.

8. (Currently Amended) The medical measuring ~~device~~ system as claimed in claim 1, wherein the at least one mobile measuring apparatus ~~is designed to signal~~ signals the quality of the measuring signals when a substantial change in the quality of the measuring signals is detected.

9. (Currently Amended) The medical measuring ~~device~~ system as claimed in claim 1, wherein the at least one measuring apparatus is designed to signal the quality of the measuring signals on demand.

10. (Currently Amended) The medical measuring ~~device~~ system as claimed in claim 1, wherein the at least one mobile measuring apparatus is ~~designed to signal~~ signals the quality of the measuring signals in ~~such a way that response to the quality of the measurement signal from at least one of the sensors falling below a~~ predetermined signal quality ~~is signaled~~.

11. (Currently Amended) The medical measuring ~~device~~ system as claimed in claim 1, wherein the at least one measuring apparatus is ~~designed to signal~~ signals the quality of the measuring signals on the basis of an evaluation of one or more perfusion index, transmission level, interference level, and signal form.

12. (Currently Amended) The medical measuring ~~device~~ system as claimed in claim 1, wherein the at least one ~~measuring apparatus is~~ sensor includes a pulsoximeter, an ECG recorder or ultrasound measuring head.

13. (Currently Amended) A medical measuring ~~device~~ system comprising:

at least one measuring apparatus including:

one or more sensors designed to contact a portion of a patient to measure physiological patient data and transfer the measured physiological patient data to the measuring apparatus to be wirelessly transmitted; and

a measurement display apparatus that displays ~~measurement~~ physiological patient data generated by the one or more sensors, the physiological patient data being wirelessly transferred from the at least one measuring apparatus;

wherein the at least one measuring apparatus includes:

a means for determining a quality of the measured physiological patient data; and

a means for signaling ~~a signal~~ the quality of the measurement measured physiological patient data.

14. (Currently Amended) The medical measuring device of claim 13, wherein the means for signaling the signal quality generates an acoustic signal to a wearer of the measuring apparatus.

15. (Currently Amended) The medical measuring device of claim 13, wherein the means for signaling the signal quality includes a light mounted on the measuring apparatus, which light generates an optical signal.

16. (Previously Presented) A medical measurement device comprising at least one measurement apparatus including a means for wirelessly transmitting medical data to a remote site, one or more sensors for measuring medical data, and a means for determining and a means for signaling a signal quality of the  
5 medical data.

17. (Previously Presented) The medical measuring device of claim 16, wherein the means for signaling the signal quality generates an acoustic signal.

18. (Previously Presented) The medical measuring device of claim 16, wherein the means for signaling the signal quality generates an optical signal.

19. (New) The medical measuring device of claim 16, in combination with a measurement display device at the remote site which measurement display device receives the wirelessly transmitted medical data and displays at least a portion of the received medical data.

20. (New) The medical measuring device of claim 16, wherein the quality signal is humanly perceivable only locally adjacent the medical measurement apparatus and not at the remote site.